

Amendments to the Claims

Please amend Claims 34, 37-39, 42, 44, 45, 47-49 and 52-54, and add new Claims 56-59 to read as follows.

Claims 1-33 (cancelled)

34. (Currently amended) An image processing apparatus for processing an ~~inputted~~ image captured by an image pickup element included therein, said apparatus comprising:

a resizing unit adapted to resize the ~~inputted~~ captured image to provide a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into a an RGB image; and

a second conversion unit adapted to convert the RGB image outputted by said first conversion unit into a plurality of serial data.

35. (Previously presented) An image processing apparatus according to Claim 34, wherein said second conversion unit is adapted to convert the RGB image into two or four serial data.

36. (Previously presented) An image processing apparatus according to Claim 34, wherein said second conversion unit is adapted to convert the RGB image into dot sequential data before the RGB image is converted into the plurality of serial data.

37. (Currently amended) An image processing apparatus according to Claim 34, further comprising:

~~an image capture unit adapted to capture the inputted image, and~~
a display unit adapted to display a an RGB image using the plurality of serial data outputted by said second conversion unit.

38. (Currently amended) An image processing apparatus according to Claim ~~34~~ 35, further comprising:

a display unit adapted to display a an RGB image using the plurality of serial data outputted by said second conversion unit.

39. (Currently amended) An image processing apparatus according to Claim 34, wherein the ~~inputted~~ resized image is a YUV image.

40. (Previously presented) An image processing apparatus for processing an inputted image, said apparatus comprising:

a first resizing unit adapted to resize the inputted image to provide a resized image;

a memory unit adapted to store the resized image;

a second resizing unit adapted to further resize the resized image stored in said memory unit to provide a further resized image;

a first conversion unit adapted to convert the further resized image into an RGB image;

a second conversion unit adapted to convert the RGB image into a plurality of serial data; and

a third conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor.

41. (Previously presented) An image processing apparatus according to Claim 40, wherein said second conversion unit is adapted to convert the RGB image into two or four serial data.

42. (Currently amended) An image processing apparatus according to Claim 40, further comprising a display unit adapted to display a an RGB image using the plurality of serial data outputted by said second conversion unit.

43. (Previously presented) An image processing apparatus according to Claim 40, wherein the inputted image is a YUV image.

44. (Currently amended) An image processing apparatus according to Claim 40, further comprising:

an image capture unit adapted to capture the inputted image; and
a display unit adapted to display a an RGB image using the plurality of serial data outputted by said second conversion unit.

45. (Currently amended) An image processing apparatus for processing an ~~inputted~~ image captured by an image pickup element included therein, said apparatus comprising:

a resizing unit adapted to resize the ~~inputted~~ captured image to provide a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor; and

a second conversion unit adapted to convert a the converted resized image outputted by said first conversion unit into a plurality of serial data.

46. (Previously presented) An image processing apparatus according to Claim 45, wherein said second conversion unit is adapted to convert the converted resized image outputted by said first conversion unit into two or four serial data.

47. (Currently amended) An image processing apparatus according to Claim 45, wherein the ~~inputted~~ resized image is a YUV image.

48. (Currently amended) An image processing apparatus according to Claim 45, further comprising an the image capture pickup unit adapted to capture the inputted image.

49. (Currently amended) An image processing apparatus for processing an ~~inputted~~ image captured by an image pickup element included therein, said apparatus comprising:

a first resizing unit adapted to resize the ~~inputted~~ captured image to provide a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into a an RGB image; and

a second resizing unit adapted to resize the RGB image and output the resized RGB image serially.

50. (Previously presented) An image processing apparatus according to Claim 49, further comprising a second conversion unit adapted to convert the RGB image into dot sequential data before the RGB image is resized by said second resizing unit.

51. (Previously presented) An image processing apparatus according to Claim 49, further comprising a display unit adapted to display the resized RGB image outputted from said second resizing unit.

52. (Currently amended) An image processing apparatus according to Claim 49, wherein the ~~inputted~~ resized image is a YUV image.

53. (Currently amended) An image processing apparatus according to Claim 49, further comprising ~~an~~ the image ~~capture~~ pickup unit adapted to capture the inputted image.

54. (Currently amended) An image processing apparatus according to Claim 49, further comprising:

~~an image capture unit adapted to capture the inputted image; and~~

a display unit adapted to display the resized RGB image outputted from said second resizing unit.

55. (Previously presented) An image processing apparatus according to Claim 49, further comprising a third conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor.

56. (New) An image processing apparatus for processing an inputted image, said apparatus comprising:

a resizing unit adapted to resize the inputted image to provide a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image; and

a second conversion unit adapted to convert the RGB image outputted by said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert the RGB image into two or four serial data.

57. (New) An image processing apparatus for processing an inputted image, said apparatus comprising:

a resizing unit adapted to resize the inputted image to provide a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image; and

a second conversion unit adapted to convert the RGB image outputted by said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert the RGB image into dot sequential data before the RGB image is converted into the plurality of serial data.

58. (New) An image processing apparatus for processing an inputted image, said apparatus comprising:

a resizing unit adapted to resize the inputted image to provide a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor; and

a second conversion unit adapted to convert the converted resized image outputted by said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert the converted resized image outputted by said first conversion unit into two or four serial data.

59. (New) An image processing apparatus for processing an inputted image, said apparatus comprising:

a first resizing unit adapted to resize the inputted image to provide a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image;

a second resizing unit adapted to resize the RGB image and output the resized RGB image serially; and

a second conversion unit adapted to convert the RGB image into dot sequential data before the RGB image is resized by said second resizing unit.